



## IN THE UNITED STATES

## PATENT AND TRADEMARK OFFICE

APPLICANTS: Dusko Pavlovic, Douglas Smith and Junbo Liu

APPLICATION NO.: 09/665,179

FILING DATE: September 19, 2000

TITLE: Method and Apparatus for Determining Colimits of Hereditary Diagrams

EXAMINER: Anil Khatri

GROUP ART UNIT: 2121

ATTY. DKT. NO.: 11128-04483

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JUL 20 2004

Technology Center 2100

## CERTIFICATE OF MAILING

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Dated: July 12, 2004

By: Laura Majeris  
Laura A. Majerus, Reg. No. 33,417

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ALEXANDRIA, VA 22313-1450

## LETTER TO THE CHIEF DRAFTSPERSON

SIR:

In response to the drawing informalities indicated on the Examiner's Notice Regarding Patent Drawings for the above-entitled patent application, please substitute the enclosed 44 sheets of formal drawings containing Figures 1 through 29 for the 44 sheets of drawings containing Figures 1 through 29 previously submitted.

Respectfully submitted,  
Dusko Pavlovic, Douglas Smith and Junbo Liu

Dated: July 12, 2004

By: Laura Majeris  
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|--|----|--|--------------------|
| 0901/PTO<br>Rev. 10/95                   |    | U.S. Department of Commerce<br>Patent and Trademark Office |                    |
|  |    | Application Number   | 09/665,179         |
|  |    | Filing Date  | September 19, 2000 |
|  |    | First Named Inventor                                       | Dusko Pavlovic     |
|  |    | Group Art Unit Number                                      | 2121               |
|  |    | Examiner Name  | Anil Khatri        |
| Total Number of Pages in This Submission | 54 | Attorney Docket Number                                     | 11128-04483        |

| ENCLOSURES (check all that apply)                                       |  |
|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) | <input type="checkbox"/> Issue Fee Transmittal   |
| <input type="checkbox"/> Check Enclosed                                 | <input type="checkbox"/> Letter to Chief Draftsperson                                      |
| <input checked="" type="checkbox"/> Return Receipt Postcard             | <input checked="" type="checkbox"/> Formal Drawings:                                       |
| <input type="checkbox"/> Response to Notice to File Missing Parts       | <input type="checkbox"/> 44 Sheets of Figures 29   |
| <input type="checkbox"/> Assignment & Recordation Cover Sheet           | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Declaration                                    | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Power of Attorney                              | <input type="checkbox"/> Certified Copy of Priority Document(s)                            |
| <input type="checkbox"/> Application Data Sheet                         | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A  | <input type="checkbox"/>   |
| <input type="checkbox"/> Copies of IDS Cited References                 | <input type="checkbox"/>   |
| <input type="checkbox"/> Request for Corrected Filing Receipt           | <input type="checkbox"/>   |
| <input type="checkbox"/> Request for Correction of Recorded Assignment  | <input type="checkbox"/>   |
| <input checked="" type="checkbox"/> Amendment A/ Response: [ 6 ] Pages  | <input type="checkbox"/>   |
| <input type="checkbox"/> After Final                                    | <input type="checkbox"/>   |
| <input type="checkbox"/> Status Request                                 | <input type="checkbox"/>   |
| <input type="checkbox"/> Revocation and Substitute Power of Attorney    | <input type="checkbox"/>   |

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| REMARKS: |  |
|----------|--|

|                                |                                  |        |               |
|--------------------------------|----------------------------------|--------|---------------|
| SIGNATURE OF ATTORNEY OR AGENT |                                  |        |               |
| Signature:                     |                                  |        |               |
| Attorney/Reg. No.:             | Laura A. Majerus, Reg. No. 33417 | Dated: | July 12, 2004 |

|   |                  |        |               |
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| Signature:  |                  |        |               |
| Typed or Printed Name:  | Laura A. Majerus | Dated: | July 12, 2004 |
| Express Mail Mailing Number (optional):   |                  |        |               |



# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **\$ 475.00**

| Complete if Known    |                    |
|----------------------|--------------------|
| Application Number   | 09/665,179         |
| Filing Date          | September 19, 2000 |
| First Named Inventor | Dusko Pavlovic     |
| Examiner Name        | Anil Khatri        |
| Art Unit             | 2121               |
| Attorney Docket No.  | 11128-04483        |

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| METHOD OF PAYMENT (check all that apply)  |                    |
|---|--------------------|
| <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None |                    |
| <input checked="" type="checkbox"/> Deposit Account:  |                    |
| Deposit Account Number  | 19-2555            |
| Deposit Account Name  | Fenwick & West LLP |
| The Commissioner is authorized to: (check all that apply)   |                    |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments   |                    |
| <input checked="" type="checkbox"/> Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application  |                    |
| <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  |                    |

| FEE CALCULATION     |              |                   |                        |  |
|---------------------|--------------|-------------------|------------------------|--|
| 1. BASIC FILING FEE |              |                   |                        |  |
| Large Entity        | Small Entity |                   |                        |  |
| Fee                 | Fee          | Fee Description   | Fee Paid               |  |
| Code (\$)           | Code (\$)    |                   |                        |  |
| 1001                | 770          | 2001 385          | Utility filing fee     |  |
| 1002                | 340          | 2002 170          | Design filing fee      |  |
| 1003                | 530          | 2003 265          | Plant filing fee       |  |
| 1004                | 770          | 2004 385          | Reissue filing fee     |  |
| 1005                | 160          | 2005 80           | Provisional filing fee |  |
|                     |              | SUBTOTAL (1) (\$) |                        |  |

| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE |              |                   |   |          |
|---|--------------|-------------------|---|----------|
| Total Claims                                |              | Extra Claims      | Fee from below  | Fee Paid |
| Independent Claims                          |              | -20** =           | X   | =        |
| Multiple Dependent                          |              | -3** =            | X   | =        |
| Large Entity                                | Small Entity |                   |   |          |
| Fee   | Fee          | Fee Description   |   |          |
| Code (\$)                                   | Code (\$)    |                   |   |          |
| 1202  | 18           | 2202 9            | Claims in excess of 20                                    |          |
| 1201  | 86           | 2201 43           | Independent claims in excess of 3                         |          |
| 1203  | 290          | 2203 145          | Multiple dependent claim, if not paid                     |          |
| 1204  | 86           | 2204 43           | **Reissue independent claims over original patent         |          |
| 1205  | 18           | 2205 9            | **Reissue claims in excess of 20 and over original patent |          |
|   |              | SUBTOTAL (2) (\$) |   |          |

\*or number previously paid, if greater; For Reissues, see above

| FEE CALCULATION (continued) |              |      |                 |  |  |
|-----------------------------|--------------|------|-----------------|--|--|
| 3. ADDITIONAL FEES          |              |      |                 |  |  |
| Large Entity                | Small Entity |      | Fee Description | Fee Paid   |  |
| Fee                         | Fee          | Fee  | Fee             | Fee  |  |
| Code                        | Code         | Code | Code            | (\$)   |  |
| 1051                        | 130          | 2051 | 65              | Surcharge - late filing fee or oath  |  |
| 1052                        | 50           | 2052 | 25              | Surcharge - late provisional filing fee or cover sheet                     |  |
| 1053                        | 130          | 1053 | 130             | Non-English specification  |  |
| 1812                        | 2,520        | 1812 | 2,520           | For filing a request for ex parte reexamination                            |  |
| 1804                        | 920*         | 1804 | 920*            | Requesting publication of SIR prior to Examiner action                     |  |
| 1805                        | 1,840*       | 1805 | 1,840*          | Requesting publication of SIR after Examiner action                        |  |
| 1251                        | 110          | 2251 | 55              | Extension for reply within first month                                     |  |
| 1252                        | 420          | 2252 | 210             | Extension for reply within second month                                    |  |
| 1253                        | 950          | 2253 | 475             | Extension for reply within third month                                     |  |
| 1254                        | 1,480        | 2254 | 740             | Extension for reply within fourth month                                    |  |
| 1255                        | 2,010        | 2255 | 1,005           | Extension for reply within fifth month                                     |  |
| 1401                        | 330          | 2401 | 165             | Notice of Appeal   |  |
| 1402                        | 330          | 2402 | 165             | Filing a brief in support of an appeal                                     |  |
| 1403                        | 290          | 2403 | 145             | Request for oral hearing   |  |
| 1451                        | 1,510        | 1451 | 1,510           | Petition to institute a public use proceeding                              |  |
| 1452                        | 110          | 2452 | 55              | Petition to revive - unavoidable   |  |
| 1453                        | 1,330        | 2453 | 665             | Petition to revive - unintentional   |  |
| 1501                        | 1,330        | 2501 | 665             | Utility issue fee (or reissue)   |  |
| 1502                        | 480          | 2502 | 240             | Design issue fee   |  |
| 1503                        | 640          | 2503 | 320             | Plant issue fee  |  |
| 1460                        | 130          | 1460 | 130             | Petitions to the Commissioner  |  |
| 1807                        | 50           | 1807 | 50              | Processing fee under 37 CFR 1.17(g)  |  |
| 1806                        | 180          | 1806 | 180             | Submission of Information Disclosure Stmt                                  |  |
| 8021                        | 40           | 8021 | 40              | Recording each patent assignment per property (times number of properties) |  |
| 1809                        | 770          | 2809 | 385             | Filing a submission after final rejection (37 CFR 1.129(a))                |  |
| 1810                        | 770          | 2810 | 385             | For each additional invention to be examined (37 CFR 1.129(b))             |  |
| 1801                        | 770          | 2801 | 385             | Request for Continued Examination (RCE)                                    |  |
| 1802                        | 900          | 1802 | 900             | Request for expedited examination of a design application                  |  |
| Other fee (specify) _____   |              |      |                 |  |  |
|                             |              |      |                 | SUBTOTAL (3) \$ 475.00   |  |

\*Reduced by Basic Filing Fee Paid

| SUBMITTED BY      |                      |                                      | Complete (if applicable) |                           |
|-------------------|----------------------|--------------------------------------|--------------------------|---------------------------|
| Name (Print/Type) | Laura A. Majerus     | Registration No.<br>(Attorney/Agent) | 33,417                   | Telephone: (650) 335-7152 |
| Signature         | <i>Laura Majerus</i> |                                      | Date                     | July 12, 2004             |